

Converting Colors

XYZ(26.5894, 34.6318, 49.5392)

Have a look what the booklet for
XYZ(26.5894, 34.6318, 49.5392)
contains.

XYZ(26.5894, 34.6318, 49.5392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5894, 34.6318,
49.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	51ACB6
RGB	81, 172, 182
RGB Percent	32%, 67%, 71%
CMY	0.6823, 0.3255, 0.2863
CMYK	0.55, 0.05, 0.00, 0.29
HSL	186°, 41%, 52%
HSV	186°, 55%, 71%
XYZ	26.5894, 34.6318, 49.5392
YIQ	145.9310, -57.4460, -16.1820

Conversions

Conversions Part 2

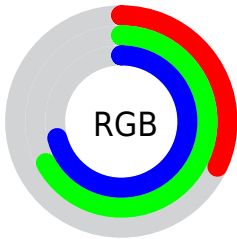
Format	Color
R _Y B	81, 129, 182
Decimal	5352630
CIE Lab	65.46, -24.12, -13.37
CIE LCh	65, 27.576, 209.013
Yxy	34.6318, 0.2401, 0.3127
Android (android.graphics.Color)	4283542710 (0xFF51ACB6)
YUV	145.9310, 17.7820, -56.9445
Hunter-Lab	58.8488, -22.3345, -8.7165

Details

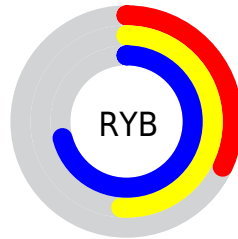
The XYZ color **26.5894, 34.6318, 49.5392** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.5185, 18.0222, 9.9720**, and the grayscale version is **27.2407, 28.6594, 31.2101**.

A 20% lighter version of the original color is **53.8235, 67.1488, 91.0131**, and **10.5593, 14.7786, 23.0649** is the 20% darker color. If you saturate the color by 10%, you get **24.8935, 33.2527, 49.3630**, and if you desaturate by 10%, it is **28.7100, 36.2383, 49.7381**.

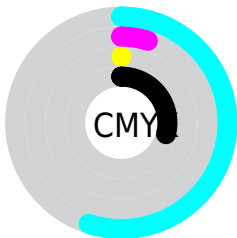
Distribution



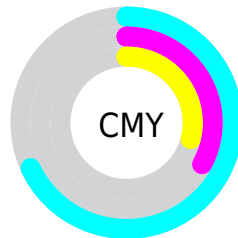
- Red (32%)
- Green (67%)
- Blue (71%)



- Red (32%)
- Yellow (51%)
- Blue (71%)



- Cyan (55%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5894, 34.6318, 49.5392 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.5894, 34.6318, 49.5392 by changing the saturation by 10% instead.

■ 26.5894, 34.6318,
49.5392

■ 26.5894, 34.6318,
49.5392

277.8675,
322.9401, 401.5445

■ 17.4001, 23.3794,
34.6788

■ 53.6488, 66.9150,
90.8810

■ 10.6172, 14.8739,
23.1340

■ 72.2497, 88.7145,
118.1995

■ 5.8755, 8.7309,
14.4862

■ 94.7184, 114.7986,
150.5078

■ 2.8094, 4.5661,
8.3170

■ 121.4203,
145.5515, 188.2243

■ 1.0538, 1.9950,
4.2078

152.7208,
181.3577, 231.7677

■ 0.0000, 0.6046,
1.7400

188.9853,

■ 0.0000, 0.0000,

222.6017, 281.5566

0.3879

230.5791,
269.6677, 338.0093

■ 0.0000, 0.0000,
0.0000

■ 26.5894, 34.6318,
49.5392

■ 26.5894, 34.6318,
49.5392

■ 24.8935, 33.2527,
49.3630

■ 28.7100, 36.2383,
49.7381

■ 23.5850, 32.0793,
49.2055

■ 31.2826, 38.0840,
49.9588

■ 22.6251, 31.0926,
49.0656

■ 34.3359, 40.1845,
50.2033

■ 21.9646, 30.2670,
48.9411

■ 37.8953, 42.5528,
50.4729

■ 21.7161, 29.9224,
48.8877

■ 41.9844, 45.2013,
50.7685

■ 46.6254, 48.1412,
51.0914

■ 51.8390, 51.3834,
51.4424

■ 57.6450, 54.9382,
51.8225

■ 64.0623, 58.8151,
52.2326

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.7551, 34.6318, 37.3269



26.5894, 34.6318, 49.5392



29.0829, 34.6318, 60.1343

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5894, 34.6318, 49.5392



40.0228, 34.6318, 50.3382



33.0502, 34.6318, 19.5747

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.5894, 34.6318, 49.5392



24.5185, 18.0222, 9.9720

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.0730, 34.6318, 21.6921



26.5894, 34.6318, 49.5392



41.2957, 34.6318, 38.0920

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.5894, 34.6318, 49.5392



36.8231, 34.6318, 60.6580



40.1752, 34.6318, 27.9288



29.2965, 34.6318, 21.4286

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.5894, 34.6318, 49.5392



31.4604, 34.6318, 63.9848



40.1752, 34.6318, 27.9288



34.4168, 34.6318, 19.8367

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.5905, 34.6331, 49.5400



67.4745, 76.3390, 91.4143



21.9429, 35.9343, 15.3238



14.6093, 16.6667, 20.1686



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5905, 34.6331, 49.5400



44.4387, 59.6889, 89.4147



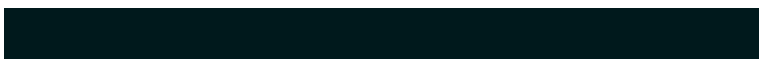
18.9312, 19.3145, 46.9869



9.1887, 10.0546, 11.5359



15.3628, 21.1853, 34.5325



0.5637, 0.7911, 1.2247

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.6812, 18.8095, 41.0974



50.8252, 28.7590, 71.5727



30.1434, 29.2721, 11.8470



9.3416, 9.1470, 11.1461



18.3681, 8.9210, 25.6231



0.6587, 0.3190, 0.9621

Previews

White Background



This preview shows how the XYZ color 26.5894, 34.6318, 49.5392 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.5894, 34.6318, 49.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

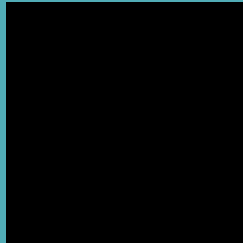
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5894, 34.6318, 49.5392

Background



This preview shows how black text looks on a background with the XYZ color 26.5894, 34.6318, 49.5392.

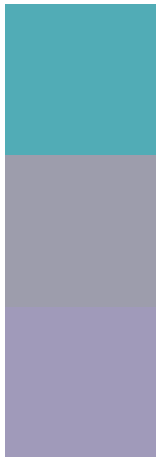


This preview shows how white text looks on a background with the XYZ color 26.5894, 34.6318,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.5894, 34.6318, 49.5392

Protanopia

33.4080, 34.2606, 43.8819

Deuteranopia

34.9157, 34.1300, 51.2019



Tritanopia

26.7995, 34.4224, 51.1307

Trichromacy



Original Color

26.5894, 34.6318, 49.5392

Protanomaly

29.8101, 33.6424, 45.9968

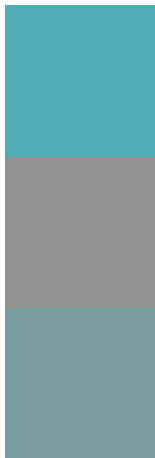
Deuteranomaly

30.8619, 33.8178, 50.7998

Tritanomaly

26.6943, 34.3803, 50.5765

Monochromacy



Original Color

26.5894, 34.6318, 49.5392

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.0054, 30.0835, 37.2369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5894, 34.6318, 49.5392 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(81, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(81, 172, 182)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(81, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 172, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.5894, 34.6318, 49.5392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 172, 182) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(81, 172, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(81, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(81, 172,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5894, 34.6318, 49.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 172, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(81, 172,  
182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor